

Vibert Carrie

From: Peck Hiram
Sent: Thursday, October 02, 2014 9:37 AM
To: Vibert Carrie
Subject: FW: Drainage changes with planned roadway to Ellsworth lots
Attachments: cul de sac map for Ellsworth subdivision0001.pdf

Carrie; Please post this with Planning Commission packet for Ellsworth subdiv ap.

Thx
Hiram

From: Jim Miller [<mailto:tmeinc.wm@snet.net>]
Sent: Wednesday, October 01, 2014 5:33 PM
To: Peck Hiram; peakexperience@snet.net; maglieri75@comcast.net
Subject: Drainage changes with planned roadway to Ellsworth lots

Hi Hiram, Tim and Greg

As a result of the new sign on the Talcott Mountain Road cul de sac that appeared yesterday, I talked to Hiram Peck about the effects of the added drainage resulting from the grade of the planned roadway. I also got back in contact with Tim Ellsworth and learned more about the plan as well as the history of some of the drainage changes that resulted from the Talcott Mountain subdivision. . I have marked up the map Hiram provided (which is in the attachment) with three areas of concern as follows:

Area 1:

There is a seep or the like about where your sign is and it runs freely during winter thaws. Water drains from the seep and from the Northwestern side of the road. When the cul-de-sac is plowed the snow is piled up at the end of the circle on our lot, #22, The accumulating water and blockage from the piled snow results in a pond in area 1 that freezes and makes it dangerous to get the mail or newspaper and makes it treacherous at the foot of our driveway. Drainage from a paved access road into the proposed lots will only exacerbate the problem. Pushing the snow back further to allow drainage along the curbing will result in a continuing maintenance problem from destruction of the curbing.

The only remedy I can see is a catch basin and subsurface drain to the existing drain at the boundary between lots 22 and 21.

Area 2

When we moved in 30+ years ago there was a drain pipe leading to a rip-rapped stream bed/impoundment carrying water to Lucy Brook. Road sand and debris plugged up the area and resulted in flooding such that the town reestablished the stream bed/impoundment about 15 years ago. Subsequent build up of road sand and debris has again plugged up the area. This flooding and ponding (the soil is clay so percolation is almost non existent) grows lots of mosquitoes and makes it so we can't access our back land. Added water from the proposed access road will exacerbate the problem considerably.

The remedy is likely to be reestablishing the stream bed back to Lucy Brook. With the general absence of road sand use recently, this problem may not reoccur.

Area 3

Lucy Brook is carried by a single culvert under a roadway leading to the Northeast and the higher land in that direction. In a good rain or spring melt, this area also floods and ponds because the culvert cannot carry the volume

of water. The water frequently rises to within a few inches of the top of the roadway. This results in the same problems on our back land surrounding Lucy Brook as in area 2, and also will get worse with the added drainage from the proposed access. Awhile back a good rain and melt washed out the roadway and further silted the pond. The old culvert (which was left in the woods) was replaced with a larger but barely sufficient culvert. The added drainage from the proposed access road will certainly make washing out the roadway again more likely.

The remedy is likely to be replacing the existing culvert with a larger one.

I look forward to working with all of you to fix these problems.

Thanks for your time.

Jim Miller
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Simsbury, CT

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